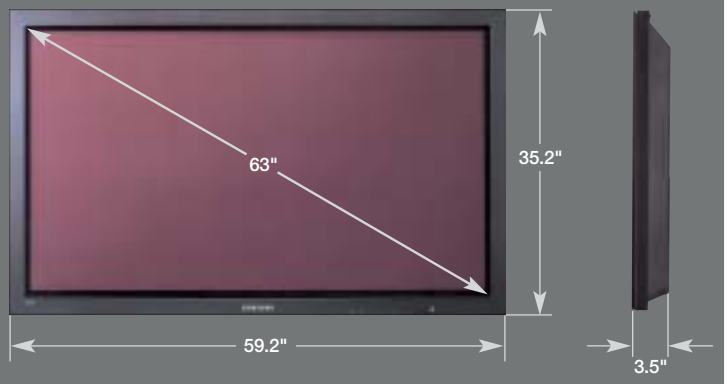
Samsung Plasma Monitors

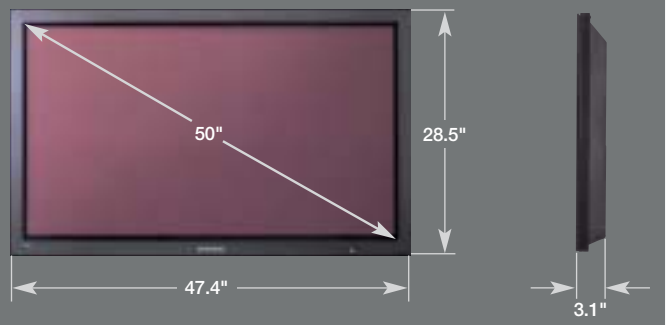
Professional Audio/Video

SAMSUNG

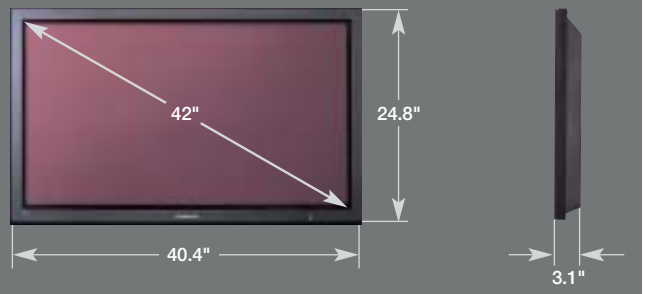
PPM63H3Q	63" HD	1366 x 768 Resolution



PPM50H3Q	50" HD	1366 x 768 Resolution



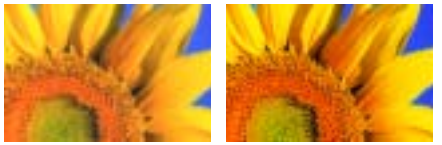
PPM42H3	42" HD	1024 x 768 Resolution
PPM42S3Q	42" SD	852 x 480 Resolution



Introducing Digital Natural Image enhancement (DNIe) Technology. Exclusively from Samsung.

DNIe is an exciting new Samsung technology that makes the best plasma displays even better. The detail, contrast, 3D motion and color are, very simply, the best you've ever seen.

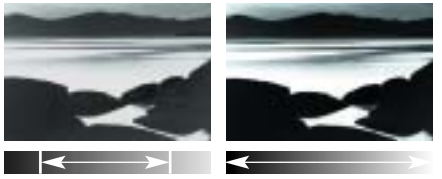
Detail Enhancer DNIe renders images that are perfect in every detail, without noise or flicker. Frequency characteristics are improved by natural peaking for natural edge transitions.



Conventional
Typical Detail

With DNIe
Extreme Detail

Contrast Enhancer A first-ever minute analysis yields an exceptionally dynamic contrast range. Blacks are blacker than ever. Whites are whiter than ever. Overall contrast and brightness are more natural-feeling.



Conventional
Gray Blacks, Gray Whites

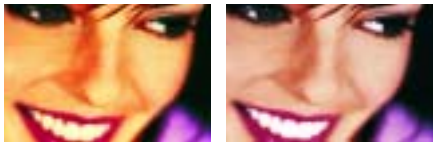
With DNIe
Black Blacks, White Whites

3D Motion Optimizer Three-dimensional analysis eliminates blurring and noise in motion images. Even still images are sharper and clearer.

Conventional
Motion Blurring and Image Tails

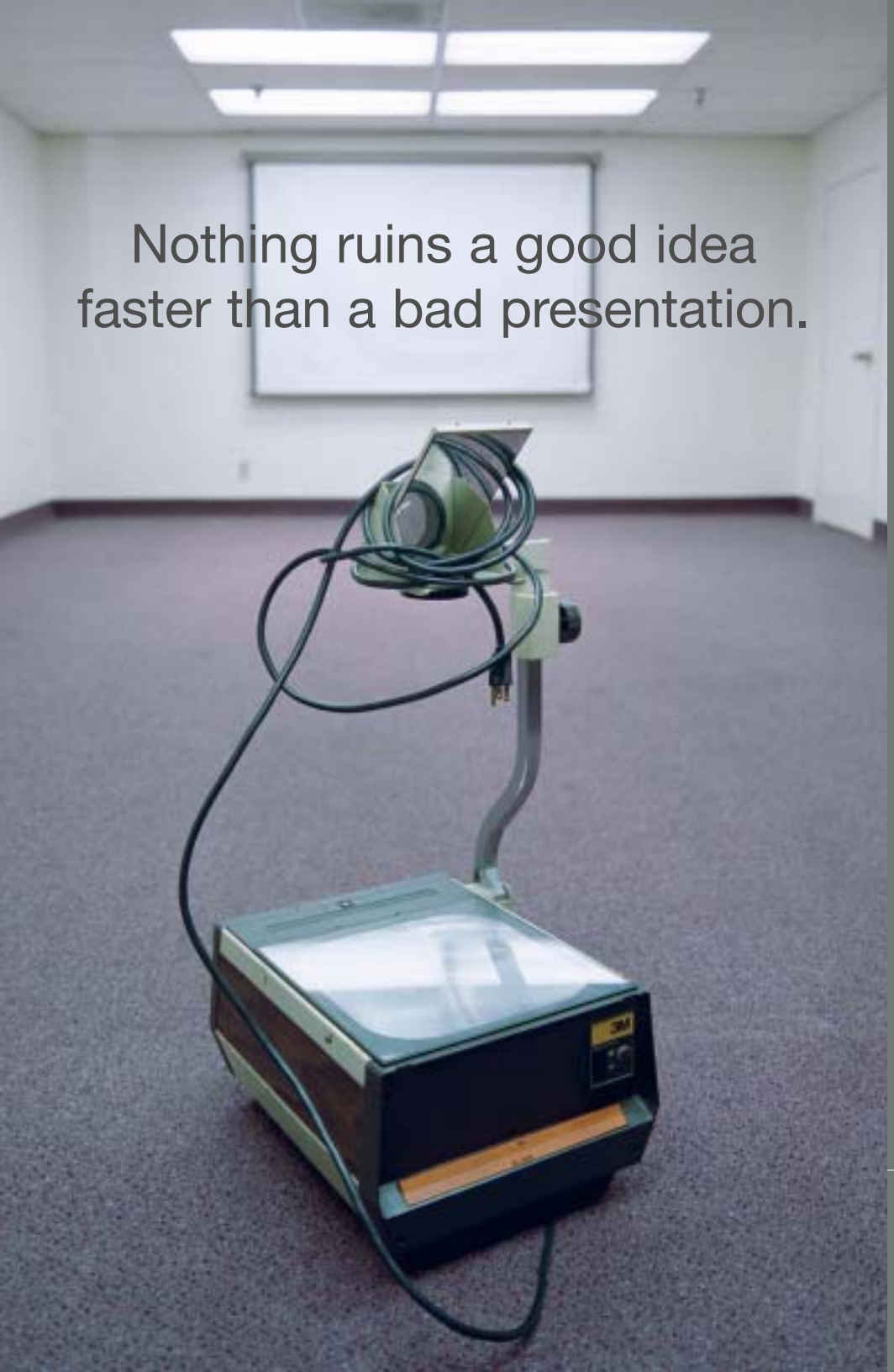
With DNIe
Motion Blurring and Image Tails Eliminated

Color Optimizer Colors are smooth, pure and natural, not harsh and artificial. Skin tones are beautiful and realistic.



Conventional
Good, but Not Perfectly Natural, Color

With DNIe
Pure Whites and Natural Skin Tones

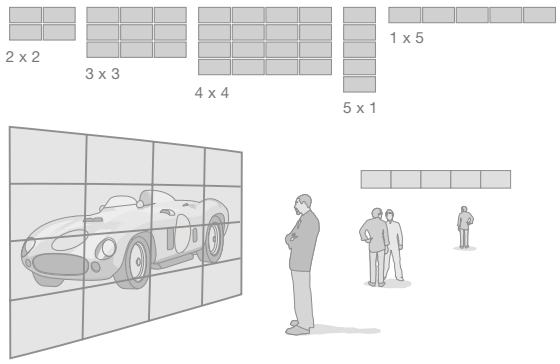


You may be sharing an idea with someone a continent away in a video conference. Or you may be presenting an idea to thousands through a retail display. But in that moment, after all the brainstorming, all the refining, all the execution, nothing is more important than your monitor. Samsung professional plasma displays are designed to help you communicate your ideas with the brightest, sharpest, clearest pictures imaginable. We've incorporated some of our latest, best ideas, like Digital Natural Image enhancement technology. And since ideas aren't confined to a horizontal format, we made our new plasma monitors able to be mounted vertically. This is technology at its finest. Technology that's driven by good ideas. Technology that's all about you and your ideas.

SAMSUNG

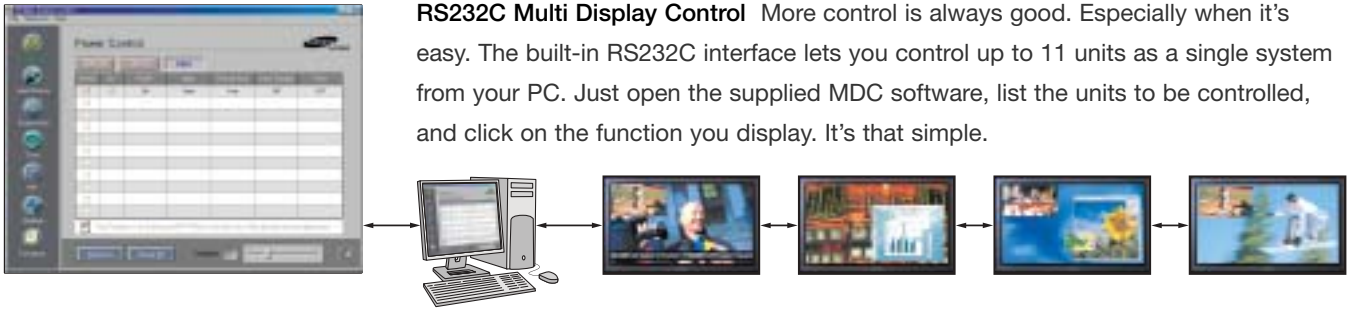
These are a few of the things that separate Samsung professional plasma displays from all others. The result, of course, is unprecedented images and excellent flexibility.

Video Wall If one's good, two's better. Or how about 16? Whatever configuration you want is made easier than ever with a built-in processor. Create huge, dynamic displays of 2 x 2 (4), 3 x 3 (9), 4 x 4 (16), 5 x 1 and 1 x 5.



Picture By Picture Our 16:9 plasma displays allow large side-by-side images to be displayed simultaneously.

RS232C Multi Display Control More control is always good. Especially when it's easy. The built-in RS232C interface lets you control up to 11 units as a single system from your PC. Just open the supplied MDC software, list the units to be controlled, and click on the function you display. It's that simple.

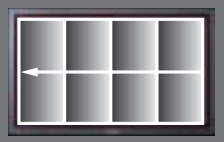


Accessories

Genuine Samsung accessories are made to fit and work perfectly with your Samsung plasma display.

Tabletop Stand/Feet	Wall Mount	Vertical Wall Mount	Ceiling Mount	Speakers
Included with all models except PPM63H3Q	Available for all models	Available for all models except PPM42H3	Available for all models except PPM63H3Q	Available for all models

Vertical Image Capability Landscape idea or portrait idea? You're not limited with Samsung. Our plasma displays can be mounted either horizontally or vertically (PPM42H3 excluded.)



Our exclusive Signal Pattern Process neutralizes adjacent cell charges to eliminate electrically charged image retention.

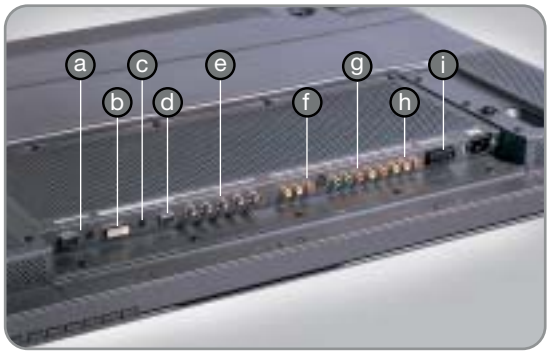
Anti-Burn Technologies Long meeting? Want to leave your display on 24/7? No problem. Samsung plasma displays feature multiple anti-burn technologies. Our Auto Pixel Shift keeps the image moving imperceptibly, while our Always White technology combines with our Signal Pattern Process to eliminate electrically charged residual images.

Higher Brightness and Contrast Our new technology makes even higher brightness and contrast performance specifications possible, without sacrificing the life of the display.

Support

Industry-leading technical support and on-site warranty service are provided with your Samsung plasma monitor. Warranty is 2 years, parts and labor. On-site service is usually within two business days. Restrictions may apply.

Flexible Connectivity What do you need to display? What source are you displaying it from? Our plasma monitors give you the brightest, richest images from whatever source you need.



a. RS232C (In/Out)

b. DVI In

c. Audio In

d. RGB 1 (PC 1) In

e. Component 2/RGB 2 (PC 2) In

f. Video In

g. Component 1 In

h. Video Out

i. Ext. Speaker (8)

		PPM42S3Q	PPM42H3	PPM50H3Q	PPM63H3Q
Product Specifications					
Panel	Diagonal Size	42"	42"	50"	63"
	Screen Aspect Ratio	16:9	16:9	16:9	16:9
	Pixel Pitch	1.08 x 1.08 mm	0.912 x 0.693 mm	0.81 x 0.81 mm	1.02 x 1.02 mm
	Brightness	1000 cd/m² (Typical)	1000 cd/m² (Typical)	1000 cd/m² (Typical)	1000 cd/m² (Typical)
	Contrast	3000:1 (Typical)	3000:1 (Typical)	3000:1 (Typical)	3000:1 (Typical)
	Output Color	16.7 Million (256 RGB Levels)	16.7 Million (256 RGB Levels)	16.7 Million (256 RGB Levels)	16.7 Million (256 RGB Levels)
	Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°	160°/160°
Scanning Frequency	Horizontal	29.8~75KHz	29.8~75KHz	29.8~80KHz	29.8~80KHz
	Vertical	56~85Hz	56~85Hz	56~85Hz	56~85Hz
Resolution	Native Resolution	852 x 480	1024 x 768	1366 x 768	1366 x 768
	Recommended Resolution	852 x 480	1024 x 768	1366 x 768	1366 x 768
	PC Signal Compatibility	VGA~WXGA	VGA~WXGA	VGA~UXGA	VGA~UXGA
	Video Signal Compatibility	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB
	SD/HD Video Output	SD	HD	HD	HD
Input Terminals		Composite Video – 1 x RCA Component Video 1 – 3 x RCA (Y/Pb/Pr) Component Video 2 – 3 x BNC (Y/Pb/Pr) S-Video – 1 x DIN - 4-Pin DVI – 1 x 29-Pin DVI RGB 1 – 1 x Mini D-Sub 15-Pin RGB 2 – 5 x BNC (RGB/H/V) RS232C – 1 x Mini Jack Audio – 1 x Mini Jack, 2 Sets RCA			
Output Terminals		Composite Video – 1 x RCA Speaker – External Speaker Jack Audio – 2 x RCA (L/R) RS232C – 1 x D-Sub 9-Pin			
External Control		IR Remote Controller Built-In Keys (Power, Source, Menu, Volume, Select) RS232C (with Daisy Chain Out)			
Special Features		Multi-Layer Anti-Reflection Filter Burn-In Protection (Auto Pixel Shift, Signal Pattern Processor, All White) Multi-Region Color System (PAL, SECAM, NTSC 3.58, NTSC 4.43) 4H Digital Comb Filter Selectable Color Temperature (Normal, Cool1, Cool2, Warm1, Warm2) Selectable Picture Mode (Video: Custom, Dynamic, Standard, Movie; PC: Custom, High, Middle, Low) Multiple Display Control (RS232C) Display Power Management Signaling Digital Noise Reduction Progressive Scan Variable Aspect Ratio (6 Modes: Wide, Panorama, Zoom 1, Zoom 2, 14:9, Normal) Picture In Picture, Picture By Picture Clock and Clock Phase Adjustment On/Off Timer Digital Zoom, Picture Freeze Built-In Matrix Video Wall Processor (2 x 2, 3 x 3, 4 x 4, 1 x 5, 5 x 1) Vertical Pivot Display (Except PPM42H3) DNIe Picture Compensation Algorithm			
Ventilation		Selectable Fan Operation (Except PPM42H3)			
Operating Condition	Temperature	32°~104°F			
	Humidity	20~80%, RH, Noncondensing			
	Altitude	6500 Feet			
Warranty		2 Year Parts and Labor, On-Site Service			
Safety Regulations		CE, UL1492, UL6500, CSA C22.2, FCC Class B (PPM42S3Q and PPM50H3Q FCC Class A)			
Power Requirement		100~250V (50/60Hz)	100~250V (50/60Hz)	100~250V (50/60Hz)	100~250V (50/60Hz)
Power Consumption		330 Watts	380 Watts	490 Watts	630 Watts
Dimension (W x H x D)		40.4" x 24.8" x 3.1" (Without Stand)	40.4" x 24.8" x 3.1" (Without Stand)	47.4" x 28.5" x 3.1" (Without Stand)	59.2" x 35.2" x 3.5" (Without Stand)
Weight		68.3 Lbs. (Without Stand)	68.3 Lbs. (Without Stand)	94.7 Lbs. (Without Stand)	152.1 Lbs. (Without Stand)
Included Accessories		Tabletop Stand or Feet, Remote Controller, Power Cable, Speaker Wires, MDC Software, Pivot Software (Except PPM42H3), PC Signal Cable (Analog 15-Pin), MDC Cable, Owner's Instructions			
Optional Accessories	Tabletop Stand/Feet	Included	Included	Included	SMM6330
	Wall Mount	WMN4230	WMN4230	WMN4230	WMN6330
	Vertical Wall Mount	VMN4230	—	VMN4230	VMN6330
	Ceiling Mount	CML300	CML300	CML300	—
	Speakers	PSN4230	PSN4230	PSN5030	PSM6330

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